

Work Order ID 96576***96576***

Page 1

January-31-13 10:40:12 AM

Item ID: D3166-3

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Basket Hoop

Start Date: 1/29/13 Start Qty: 4.00

4

Cust Item ID:

Required Date: 2/20/13 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: MLJDate: 13-01-31

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
100	Rev A1	0.00							
100 Large Fab		0.00							
Large Fab	Memo	Cut 3/4" x 3/4" square tubing 120.00" long.							
110		0.00							
110 CNC Bend 1		0.00							
CNC Delta 100 Bender	Memo	Form D3166-3 Basket Hoop as per Dwg D3166 using Bending program 350 BASL, and Folio FT005							
120	QC6- Inspect dimensions to drawing	0.00							
120 QC		0.00							
Quality Control	Memo								

CPL 13-3-15

DAS
24
3-89

12x

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS						
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
			Work Order Update <input type="checkbox"/>			Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
						Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
						Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector	
Doc/Data												
Equip/Tooling												
Operator												
Material												
Setup												
Other												
Process												
Supplier												
Training												
Unapproved												
FAULT CATEGORY												
Landing Gear	General											
	Bending	Bend	Grain	Ovalized	Pressure/Forced							
	Centre Not Concentric to O/S	BOM/Route	Hardware	Over/Under tolerance	Temperature/Cure							
	Cracks	Broken/Damaged	Inspection Incomplete	Part Incorrect	Weld							
	Crushed/Crimped.	Burrs	Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled							
	Cuffs	Contamination	Maintenance	Part Moved								
	Heat Treat	Countersink	Mislabeled	Positioned Wrong								
	Inspection Strip in Tube	Cut Too Short	Misread	Power Loss/Surge								
	Ripples in Bend	Drill Holes	Offset	Other								
	Torque Waves in Extrusion	Drawing	Out of Calibration									
	Turning Sequence	Finish	Out of Sequence									
	Wave/Twist in Tube	Folio	Outside Dimensions									

Work Order ID 96576

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96576

Page 2

Item ID: D3166-3

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: Basket Hoop

Stop

NS2

Start Date: 1/29/13 **Start Qty:** 4.00

4

Cust Item ID:

Required Date: 2/20/13 **Req'd Qty:** 4.00

4

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

**Sequence ID/
Work Center ID**

**Operation
Description**

130

130

Packaging

Packaging

Identify as per dwg & Stock Location: WA 4

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

0.00

0.00

0.00

0.00

0.00

0.00

0.00

140

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

CPL13-3-15

DAS
24
8-89

12x

13/3/20 JJ

MR

13-3-19

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <hr/> <hr/> <hr/>		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <hr/> <hr/> <hr/>	

Picklist Print

January-31-13 10:40:11 AM

Page 1

Work Order ID: 96576

Parent Item: D3166-3

Start Date: 1/29/13

Required Date: 2/20/13

Parent Item Name: Basket Hoop

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP A02.08.23New issueKJ

IPP Rev:B 09-01-23 as per DEO D3166-A2 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.750W.065 304 SQ Tube .75x.75x.065W		Purchased	No			100	f	2,299.1536	10	42.105263		13-03-07	PD

Location	Loc Oty	Loc Code
MAT017	1448.153597	
122468	448.153597	
124069	1000	126.3157
WA006	851	
122051	41	
123303	769	
7636	41	

NCR: Yes / No

DQA: Date:

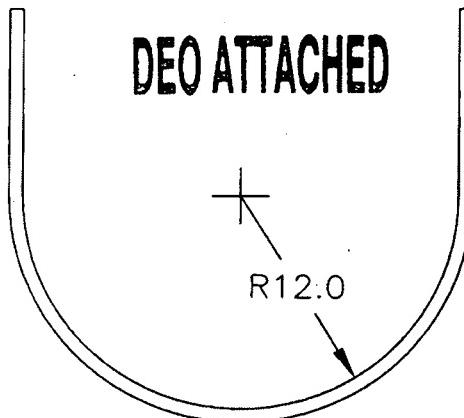
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS									
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other								
Part No. _____															
NCR No. _____															
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector						
Doc/Data															
Equip/Tooling															
Operator															
Material															
Setup															
Other															
Process															
Supplier															
Training															
Unapproved															
FAULT CATEGORY															
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio		<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled			
														<input type="checkbox"/> Other	

DART

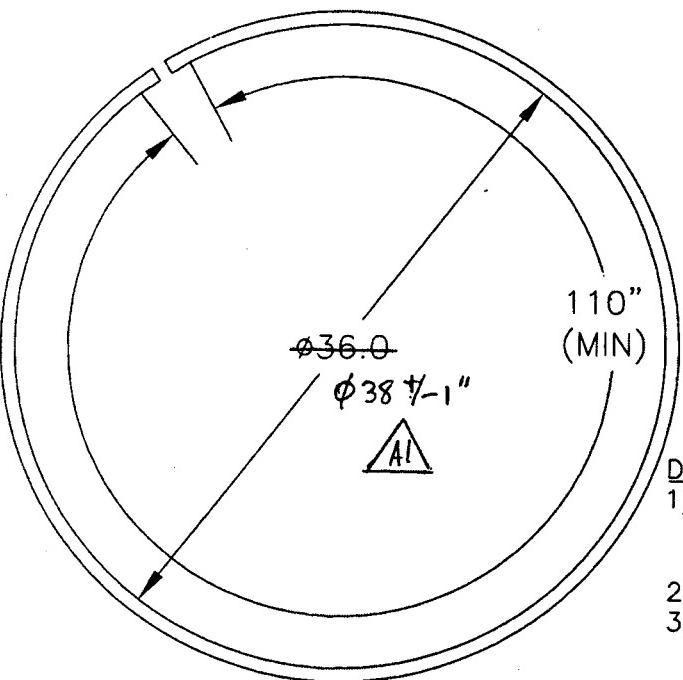
DESIGN #	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3166	REV. A SHEET 1 OF 1
DATE 02.07.10		TITLE BASKET HOOP	SCALE NTS
A	02.07.10	NEW ISSUE	
A1	04.04.08	38+/-1 was 36.0	

RELEASED
02.08.06**DEO ATTACHED**

10.6 (REF, NEED 8.0 MIN)

D3166-1 BASKET HOOP

- 1) MATERIAL: AISI 304/316 SS SQUARE TUBING,
0.75" x 0.75" x 0.063 WALL, 60.00" LONG
(REF DART SPEC. M304TS0.750W.063)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS
OTHERWISE NOTED



13-01-31

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BY PRINT WORKS INC.
VICKY CHILLER
13-01-31

D3166-3 BASKET HOOP

- 1) MATERIAL: AISI 304/316 SS SQUARE TUBING,
0.75" x 0.75" x 0.063 WALL, 120.00" LONG
(REF DART SPEC. M304TS0.750W.063)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS
OTHERWISE NOTED

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96576

DRAWING NO. D3166	TITLE BASKET HOOP	REVA1	DART AEROSPACE LTD ENGINEERING ORDER	D.E.O. NO. D3166-A-2	SHEET NO. 1 OF 1	SCALE NTS
DRAWN AJS	CHECKED <i>M</i>	MFG. APPR. <i>M</i>	APPROVED <i>M</i>	DE APPR. <i>M</i>		
DATE 08.12.11	DATE 08.12.15	DATE 08/12/15	DATE 08/12/16	DATE 08.12.16		

1) MODIFY MATERIAL NOTE FOR D3166-1 AS SHOWN:

IS:

- 1) MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.065 WALL SQUARE TUBING,
60.00" LONG
REF. DART SPEC M304TS0.750W.065

WAS:

- 1) MATERIAL: AISI 304/316 SS SQUARE TUBING,
0.75" x 0.75" x 0.063 WALL, 60.00" LONG
(REF DART SPEC. M304TS0.750W.063)

2) MODIFY MATERIAL NOTE FOR D3166-3 AS SHOWN:

IS:

- 1) MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.065 WALL SQUARE TUBING,
120.00" LONG
REF. DART SPEC M304TS0.750W.065

WAS:

- 1) MATERIAL: AISI 304/316 SS SQUARE TUBING,
0.75" x 0.75" x 0.063 WALL, 120.00" LONG
(REF DART SPEC. M304TS0.750W.063)

RELEASED
08/12/16 *M*

REASON: SEE PAR 08-005